

**AUTHORIZATION TO OPERATE AN
UNDERGROUND INJECTION CONTROL
(UIC) CLASS 2 INJECTION WELL
PERMIT NUMBER UIC 2D10902703003**

ISSUE DATE: DRAFT

EXPIRATION DATE: DRAFT

In compliance with provisions of the West Virginia Code, Chapter 22, Article 6, Article 11, and Article 12, as well as Legislative Rules, Title 47, Series 9, Series 13, Series 55 and Series 58, and Title 35 Series 1 and Series 4,

PERMITTEE / OPERATOR

NAME: DIVERSIFIED PRODUCTION LLC

**ADDRESS: 414 Summers Street
Charleston, WV 25301**

**FACILITY TYPE: Brine Disposal
(Commercial)**

WELL API No.: 47-109-02703

WELL NAME: WP-400

is authorized by this permit to inject. Class 2 fluids, that are brought to the surface in connection with conventional oil or natural gas production and may be commingled with waste waters from gas plants which are an integral part of production operations, unless those waters are classified as a hazardous waste at the time of injection, into the Weir formation in accordance with the conditions set forth herein. The permitted injection depth shall be 3,170 feet to 3,226 feet. The injection well is located in Slab Fork District, Wyoming County, McGraw 7.5' Quadrangle. The coordinates for this injection well are: UTM NAD 83 (meters) Northing 4173148.1, Easting 462948.9; Latitude 37.704820, Longitude -81.420327.

The maximum permitted wellhead injection pressure is established as 761 psi. Please note that the actual maximum wellhead injection pressure may be adjusted based on the most recent Pre-Operation Certificate (WR-37 Form).

All references to West Virginia regulations are to those that are in effect on the date that this permit becomes effective.

Non-compliance with the terms of this permit shall be cause for revocation of Certification under the terms of Chapter 22, Article 12, and revocation of the permit under Chapter 22, Article 11 of the West Virginia Code.

This permit and its authorization to inject shall remain in effect for five (5) years from the date of issuance of the final permit provided all terms of the permit are met.

James Martin, Chief

Office of Oil and Gas

DRAFT

PART I

A. SPECIAL PERMIT CONDITIONS

1. **Use of Existing Pits Prohibited.** Use of existing earthen pits is prohibited. Accumulated pit rainwater may be comingled with facility approved injectate for disposal.
2. **Holding Pit Inspections.** Holding Pit / Impoundment inspections must be conducted at least once a week recording integrity using the inspection form IR-11B (attached). Inspection forms shall be submitted monthly. In addition to the IR-11B form, the Operator may also submit any other inspection records as a supplement. An inspection must be conducted within 24 hours of any significant rain event. A significant rain event is defined as rainfall of two (2) inches or more within a 6-hour period. The inspection results must be retained and produced upon request. Should a potential hazard be observed, then the WVDEP Office of Oil and Gas must be contacted within twenty-four (24) hours. A written narrative report and all inspections must be submitted to WVDEP Office of Oil and Gas within five (5) business days from the inspection date in which the potential hazard was observed. A freeboard of no less than twenty-four (24) inches must be maintained at all times.
3. **Disposal of Holding Pit Solids.** All solids/sludge removed from holding pits shall be disposed of in compliance with applicable laws and regulations and taken to an approved landfill. Records of chemical characteristics and disposal manifests must be retained by the permittee for a period, of three (3) years and must be available for inspection at the discretion of the Chief.
4. **Injectate Samples.** The Permittee shall sample, analyze and record the nature of the injected fluid for the parameters listed in TABLE 1 (Part IV.B.10) on a twelve (12) month schedule so that sampling will be completed at least once per calendar year, or upon request of the Chief, or whenever the Permittee observes or anticipates a change in the injection fluid, to yield representative data on their physical, chemical, or other relevant characteristics. New facilities shall submit a representative sample prior to the initiation of injection operations. The Permittee shall take the sample at or before the wellhead for analysis. Samples and measurements shall be representative of the monitored activity. The Permittee shall utilize applicable analytical methods and test results shall be submitted to the Office of Oil and Gas with complete laboratory analysis data sheets (report). Any analysis of injectate with a specific gravity result greater than 1.2 shall be reported to the Chief within twenty-four (24) hours of the results.

PART II

A. FEES

- 1. Annual Permit Fee.** Any person who holds a permit shall pay an annual permit fee in accordance with the provisions of Legislative Rule 47 CSR 9-7 each year. The annual permit fee for a Class 2 disposal well is twenty-five dollars (\$25).
- 2. Groundwater Protection Fee.** Any person who holds a permit shall pay an annual groundwater protection fee of seventy-five dollars (\$75) each year for each Class 2D injection well in accordance with the provisions of Legislative Rule 47 CSR 55-3.
- 3. Fees Paid in Full Requirement.** The permit becomes void if the annual permit fees have not been paid within one hundred and eighty (180) days of the due date. The Chief shall not reissue a permit until all annual permit fees due during prior terms have been paid in full.

PART III

A. REAPPLICATION

If the Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the Permittee must submit an administratively complete application, along with application fee payment, for a new permit at least one hundred and eighty (180) days before this permit expires.

B. IMMEDIATE REPORTING

The Permittee shall report any noncompliance which may endanger human health or the environment immediately after becoming aware of the circumstances by using the WVDEP Emergency Spill line number 1-800-642-3074. Written submission shall also be provided within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, Permittee shall provide the anticipated time it is expected to continue; and the steps taken or planned to be taken to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported immediately:

- 1.** Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water (USDWs); and
- 2.** Any non-compliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between the USDWs, or failure of mechanical integrity test demonstrations.

C. RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this permit by which you are aggrieved to the State Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of West Virginia Code, Chapter 22, Article 11, Section 21 (WV Code §22-11-21) within thirty (30) days after the date of issuance of this permit.

D. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this permit based on an approved permit application. The Permittee shall not allow the underground injection activity authorized by this permit to cause or allow the movement of fluid containing any contaminant into underground sources of drinking water and may not cause a violation of any primary drinking water regulation or any health-based limit promulgated under Code of Federal Regulations, Title 40, Chapter I, Subchapter D, Part 142 (40 CFR §142) or of any water quality standard promulgated by the West Virginia Department of Environmental Protection/Division of Water and Waste Management. Any underground injection activity not authorized in this permit is prohibited. Compliance with the terms of this permit does not constitute a defense to any action brought under Part C and the imminent and substantial endangerment provisions in Part D of the Safe Drinking Water Act (SDWA) or any other common or statutory law for a breach of another applicable legal duty.

E. PERMIT ACTIONS

- 1. Permit Status Change.** This permit can be modified, revoked and reissued or terminated for cause specified in West Virginia Code, Chapter 22, Article 11 (WV Code §22-11), and Chapter 22, Article 12 (WV Code §22-12), and Legislative Rule 47 CSR 13. The filing of a request by the Permittee for a permit modification, revocation and reissuance, suspension or revocation, or notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- 2. Transfer of Permits.** This permit is not transferable to any person unless notice is first provided to the Office of Oil and Gas and the Permittee complies with requirements of Legislative Rule 47 CSR 13-13.17. The Office of Oil and Gas may require modification or revocation and reissuance of the permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the SDWA.

F. SEVERABILITY

The provisions of this permit are severable, and if any condition of this permit or the Permittee's application of any provision of this permit to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of other provisions of the permit and the remainder of this permit shall not be affected.

G. DURATION OF PERMIT

This permit and the authorization to inject are issued for a period of five (5) years unless terminated under Part III.E.1 of this permit. However, when through no fault of the Permittee the Office of Oil and Gas does not issue a new permit with an effective date on or before the expiration date of the previous permit and the Permittee has submitted a timely administratively complete application as required in Part III.A of this permit, which is a complete application for a new permit, the expired permit shall continue to remain fully effective and enforceable.

H. GENERAL REQUIREMENTS

- 1. Duty to Comply.** The Permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the SDWA and the State Act and is grounds for enforcement action; for permit suspension or revocation, revocation and reissuance, or modification; or for denial of a permit renewal application. (Legislative Rule 47 CSR 13-13.12.a) Copies of UIC Program regulations (WV Code §22-11) may be obtained from the West Virginia Legislature's Website <http://www.legis.state.wv.us/WVCODE/Code.cfm>, and (Legislative Rule 47 CSR 13) may be obtained from the West Virginia Secretary of State's Website at <http://www.sos.wv.gov/>.
- 2. Duty to Reapply.** If the Permittee wishes to continue activity regulated by this permit after the expiration date of this permit, the Permittee must apply for and obtain a new permit as required in Part III.A of this permit at least one hundred and eighty (180) days before this permit expires.
- 3. Duty to Halt or Reduce Activity Not a Defense.** It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- 4. Duty to Mitigate.** The Permittee shall take all reasonable steps to minimize or correct any adverse impact on health of persons or the environment resulting from noncompliance with this permit.
- 5. Proper Operation and Maintenance.** The Permittee shall at all times properly operate and maintain all facilities, systems of treatment and control, and related equipment which are installed or used by the Permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance include effective performance, adequate funding, adequate operating staffing and training, adequate security at the facility to prevent unauthorized access, adequate laboratory, and process controls, including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facility or similar systems only when necessary to achieve compliance with the conditions of this permit.

- 6. Duty to Provide Information.** The Permittee shall furnish to the Chief within a reasonable time, any information which the Chief may request to determine whether cause exists for modifying, revoking and reissuing, or revoking this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Chief, upon request, copies of records required to be kept by this permit. If the Permittee becomes aware of any incomplete or incorrect information in the permit application or subsequent report(s), the Permittee shall promptly submit information addressing these deficiencies to the Chief.
- 7. Inspection and Entry.** The Permittee shall allow the Chief, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to:
- a. Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - d. Sample or monitor, at reasonable times, for the purposes of assuring permit compliance for any substances or parameters at any location.
- 8. Penalties.** Any person who violates a permit requirement is subject to civil penalties, criminal penalties, fines and other enforcement actions under WV Code §22-11 and WV Code §22-12.
- 9. Signatory Requirements.** Only a duly authorized person may sign documents and reports associated with this permit.
- a. All reports required by this permit and other information requested by the Chief shall be signed as follows:
 - i. For a corporation, by a responsible corporate officer of at least the level of vice-president;
 - ii. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
 - iii. For a Municipality, State, Federal, or other public agency by either a principal executive or a ranking elected official.

- b. A duly authorized representative of the official designated in paragraph a. above may also sign only if:
 - i. The authorization is made in writing by a person described in paragraph a. above;
 - ii. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity; and
 - iii. The written authorization is submitted to, and approved by, the Chief.
- c. If an authorization under paragraph (b) of this section is no longer accurate because a different individual has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph (b) of this section must be submitted to the Chief prior to or together with any reports, information or applications to be signed by an authorized representative.
- d. Any person signing a document under paragraph (b) of this section shall make the following certification: (Legislative Rule 47 CSR 13-13.11.d). "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

10. Property Rights. Issuance of this permit does not convey property rights or mineral rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, any infringement of Federal, State or local law or regulations, or any exclusive privilege.

11. Permit Actions. This permit may be modified, reissued, suspended, or revoked for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, suspension or revocation, or notification of planned changes or anticipated noncompliance, does not stay any permit condition.

12. Confidentiality of Information. In accordance with Legislative Rule 47 CSR 1313.21, any information submitted to the State pursuant to this rule may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission in the manner prescribed on the application form or instructions, or in the case of other submissions, by stamping the words "CONFIDENTIAL BUSINESS INFORMATION" on each page containing such information. An affidavit or written request stating the need for requested confidential documents to remain confidential must also be submitted with the documents.

- a. If no claim is made at the time of submission, the State may make the information available to the public without further notice.

b. Claims of confidentiality for the following information will be denied:

- i.** The name and address of any permit applicant or Permittee; or
- ii.** Information which deals with the existence, absence, or level of contaminants in drinking water.

13. Monitoring Reports. Monitoring results shall be reported at the intervals specified under Part IV.B of this permit.

14. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than thirty (30) days following each schedule date.

15. Other Information. Where a Permittee becomes aware that he/she failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Chief, he/she shall promptly submit such facts or information.

16. Prohibited Activity. It shall be unlawful for any person, unless an authorization has been issued by a groundwater regulatory agency, to allow crude oil, or any petroleum product derived from crude oil, or seepage, or natural gas, or condensate, or salt water, or any chemical mixture which may impact groundwater quality to escape from any well, pump line, impoundment, storage tank, treatment unit, or storage container, or be allowed to flow onto or under the land surface or in such a manner that could impact surface or groundwater quality.

17. State or Federal Laws. Nothing in this permit shall be construed to preclude the institution on any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any State or Federal law or regulation.

PART IV

A. RECORD RETENTION

1. Required Records. The Permittee shall retain all records concerning the permitted underground injection well until three (3) years after completion of any plugging and abandonment. The Chief may require the Permittee/Operator to deliver the records to the Chief at the conclusion of the retention period.

B. MONITORING REQUIREMENTS

- 1. Sampling and Measurement.** Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. The method used to obtain a representative sample of the fluid to be analyzed and the procedure for analysis of the sample shall be in accordance with test procedures approved under 40 CFR §136.3, unless otherwise approved by the Chief. The Permittee shall identify the types of tests and methods used to generate the monitoring data.
- 2. Monitoring Devices.** The Permittee shall install and maintain in good operating condition:
 - a. A method or mechanism on the injection line(s) for obtaining a representative sample of injection fluids;
 - b. Devices to continuously measure and record injection pressure, flow rates, injection and production volumes;
 - c. Pressure gauges shall be of a design that provides a full pressure range of at least fifty (50) percent (%) greater than the anticipated operating pressure and a certified deviation accuracy of five (5) percent (%) or less throughout the operating pressure range; and
 - d. Flow meters shall measure cumulative volumes and be certified for a deviation accuracy of five (5) percent (%) or less throughout the range of rates allowed by the permit.
- 3. Wellhead Pressure Gauge.** A wellhead pressure gauge shall be installed and maintained on the injection tubing to facilitate inspection and ensure compliance of the maximum wellhead injection pressures as approved on Office of Oil and Gas WR-37 Form. A daily reading of the maximum wellhead injection pressure shall be taken and reported on WR-40 Form.
- 4. Daily Monitoring.** The Permittee shall daily monitor all the casing annuli with pressure sensitive devices or with such a method as approved or required by the Office of Oil and Gas to allow early detection of any leaks from the packer, injection zone or casing. The Permittee shall also monitor the daily maximum injection pressure, volume, and rate daily. This information shall be reported monthly using the Office of Oil and Gas electronic WR-40 Form. Submittal shall be through the WVDEP Electronic Submittal System (ESS): <https://apps.dep.wv.gov/eplogin.cfin>.
- 5. Monitoring Records.** Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling or measurements;

- e. The date(s) analysis(es) were performed;
- f. Individual(s) who performed the analyses;
- g. The analytical techniques or methods used; and
- h. The results of such analyses.

6. Injection Well Mechanical Integrity Testing (MIT). The Permittee shall conduct a mechanical integrity test of the injection well at a minimum frequency of once every five (5) years per Legislative Rule 35 CSR 4-7.7.b. The Permittee shall notify the Chief of his or her intent to conduct a mechanical integrity test of the well no less than twenty-four (24) hours prior to such test. The pressure requirement of a mechanical integrity test on a well is a pressure of at least one hundred and ten (110) percent (%) or 1.1 times the maximum injection pressure. The pressure must be held for a period of at least twenty (20) minutes with no more than five (5) percent (%) pressure loss to be approved for injection operations. The Permittee must submit a WR-37 Form with the pressure recording graph/chart as an attachment to the Office of Oil and Gas within thirty (30) days of each mechanical integrity test conducted. Upon failure of a mechanical integrity test or expiration of the five (5) year mechanical integrity test regulatory period, the Permittee shall cease operation/injection and shut-in the well immediately until successfully repaired, tested or permanently plugged and abandoned per regulation. Any MIT test that fails must be documented on a separate WR-37 Form. All repairs shall be completed by the Permittee within ninety (90) days of the failure date and approved by the Office of Oil and Gas prior to resuming operations. If repaired, the well must be retested and an updated WR-37 Form with pressure recording graph/chart must be submitted to the Office of Oil and Gas for approval.

7. Pump Line Mechanical Integrity Testing (MIT). The Permittee shall conduct a mechanical integrity test of all injection pipeline(s) from the holding tanks to the injection well at a minimum frequency of once every five (5) years. The Operator has the option of testing the injection pipeline(s) simultaneously with well or separately. The Permittee shall notify the Chief of his or her intent to conduct a mechanical integrity test of the injection pipeline(s) no less than twenty-four (24) hours prior to such test. The injection pipeline(s) integrity test shall pressurize the injection pipeline(s) to at least one hundred (100) psi greater than the maximum permitted wellhead injection pressure for a minimum of twenty (20) minutes, allowing for no more than five (5) percent (%) loss after completion. The Permittee must submit a WR-37 Form with the pressure test recording graph/chart as an attachment to the Office of Oil and Gas within thirty (30) days of each mechanical integrity test conducted. Upon failure of a mechanical integrity test or expiration of the five (5) year mechanical integrity test regulatory period, the Permittee shall cease operation/injection and shut-in the well immediately until successfully repaired or replaced and then tested. Any MIT test that fails must be documented on a separate WR-37 Form. All repairs shall be completed by the Permittee within ninety (90) days of the failure date and approved by the Office of Oil and Gas prior to resuming operations. If repaired, the injection pipeline(s) must be re-tested and an updated WR-37 Form with pressure recording graph/chart must be submitted to the Office of Oil and Gas for approval. Any change made to the injection pipeline(s) fittings.

or piping will require integrity pressure testing. All Office of Oil and Gas forms, including the WR-37 Form can be found on the Office of Oil and Gas webpage: <http://www.dep.wv.gov/oil-and-gas/GI/Forms/Pages/default.aspx>.

- 8. Additional MIT Requirements.** In addition to the above requirement, a mechanical integrity test demonstration shall be conducted whenever protective casing or tubing is removed from the well, the packer is replaced or resealed, if a well failure is likely, or as requested by the Chief. The Permittee may continue operation only if they have successfully demonstrated to the Chief the mechanical integrity of the permitted well. The Permittee shall cease injection operations if a loss of mechanical integrity becomes evident or if mechanical integrity cannot be demonstrated. The Permittee must submit a written notification to Office of Oil and Gas within twenty-four (24) hours if mechanical integrity of the well is lost. The notification must include a plan to repair and retest of the well within ninety (90) days of the failure date.
- 9. Environmental Measurements.** All environmental measurements required by the permit, including but not limited to, measurements of pressure, temperature, mechanical, and chemical analyses shall be done in accordance with state guidance on quality assurance. All analysis must be performed by a West Virginia certified laboratory. Certified laboratories can be found on the WVDEP webpage at <http://www.dep.wv.gov/WVE/Programs/lab/Pages/default.aspx>.
- 10. Injectate Samples.** The Permittee shall sample, analyze and record the nature of the injected fluid for the parameters listed in TABLE 1 (Part IV.B.10) on a twelve (12) month schedule so that sampling will be completed at least once per calendar year, or upon request of the Chief, or whenever the Permittee observes or anticipates a change in the injection fluid, to yield representative data on their physical, chemical, or other relevant characteristics. New facilities shall submit a representative sample prior to the initiation of injection operations. The Permittee shall take the sample at or before the wellhead for analysis. Samples and measurements shall be representative of the monitored activity. The Permittee shall utilize applicable analytical methods and test results shall be submitted to the Office of Oil and Gas with complete laboratory analysis data sheets (report). Any analysis of injectate with a specific gravity result greater than 1.2 shall be reported to the Chief within twenty-four (24) hours of the results.

TABLE 1

Aluminum	Iron	pH
Arsenic	Manganese	Specific Gravity
Barium	Sodium	Total Dissolved Solids (TDS)
Bromide	Strontium	
Calcium	Sulfate	Radium-226 and Radium 228
Chloride		Gross Alpha and Gross Beta

C. REPORTING AND NOTIFICATION REQUIREMENTS

1. **Anticipated Noncompliance.** The Permittee shall give advance notice to the Chief of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
2. **Other Noncompliance.** The Permittee shall report all instances of noncompliance not reported under paragraphs Part IILB.1 and 2, and Part IV.C.1 of this permit, at the time monitoring reports are submitted. The report shall contain the information listed in Part III.B of this permit. The Permittee shall report all other instances of noncompliance in writing within ten (10) days of the time the Permittee becomes aware of the circumstances. The reports shall contain the information listed in this permit.
3. **Planned Changes.** The Permittee shall give notice to the Chief as soon as possible of any planned physical alterations, additions to the permitted facility, and/or any changes planned in the operation of the facility.
4. **Conversion and Abandonment Notification.** The Operator shall provide written notification to the Chief prior to conversion or abandonment of the well or in the case of area/enhanced recovery permits before closure of the project, per Legislative Rule 47 CSR 13-13.6.e. Notice should be given at least thirty (30) days prior to any conversion, abandonment or alteration. Notice shall also be given prior to the addition, reduction or conversion of wells within an area/enhanced recovery permit.
5. **Cessation of Injection Activity.** Any well which is not in use for a period of twelve (12) consecutive months shall be presumed to have been abandoned and shall promptly be plugged by the Operator in accordance with the provisions in West Virginia Code, Chapter 22, Article 6, Section 24 (WV Code §22-6-24) unless the Operator furnishes satisfactory proof to the Chief that there is a bona fide future use for such well. All lines shall be completely drained of all fluids and the wellhead shut-in anytime injection operations cease for a period of greater than ninety (90) days. The Office of Oil and Gas must be contacted at least twenty-four (24) hours prior to the cessation shut-in process.
6. **Certification of Permit Review.** Within thirty (30) days of receipt of this permit, the Permittee shall report to the Chief that he or she has read and understands and accepts all terms and conditions of the permit. The Certification Document is included as an attachment of this permit, and must be signed, dated and submitted to Office of Oil and Gas.
7. **Duty of Owner/Operator to Report Discharges.** The Owner or Operator or person in charge of a facility subject to this rule from which a reportable discharge, as described in Legislative Rule 35 CSR 1-3.3, occurs shall notify the Office of Oil and Gas by calling **1-800-642-3074** immediately; but in no case, later than twenty-four (24) hours after becoming aware of the discharge.

PART V

A. OPERATING REQUIREMENTS

1. **Permit Documents On-Site.** The UIC Permit and all attachments must be kept on location at all times.
2. **Commercial Permit.** The facility is permitted as a Commercial operation and can accept Class 2 compliant fluids from all oil and gas wells and facilities.
3. **Authorized Injection Fluids.** The Permittee shall not inject any hazardous substances, as defined by 40 CFR §261, other than the Class 2 compliant fluids produced solely in association with oil and gas production operations. This permit is for authorization of injection of only fluids as defined for Class 2 wells in Legislative Rule 47 CSR 13-4.2. Accepting any fluid that is not Class 2 compliant from offsite is grounds for enforcement action and/or revocation of this permit.
4. **Use of Existing Pits Prohibited.** Use of existing earthen pits is prohibited. Accumulated pit rainwater may be comingled with facility approved injectate for disposal.
5. **Holding Pit Inspections.** Holding Pit / Impoundment inspections must be conducted at least once a week recording integrity using the inspection form IR-11B (attached). Inspection forms shall be submitted monthly. In addition to the IR-11B form, the Operator may also submit any other inspection records as a supplement. An inspection must be conducted within 24 hours of any significant rain event. A significant rain event is defined as rainfall of two (2) inches or more within a 6-hour period. The inspection results must be retained and produced upon request. Should a potential hazard be observed, then the WVDEP Office of Oil and Gas must be contacted within twenty-four (24) hours. A written narrative report and all inspections must be submitted to WVDEP Office of Oil and Gas within five (5) business days from the inspection date in which the potential hazard was observed. A freeboard of no less than twenty-four (24) inches must be maintained at all times.
6. **Disposal of Holding Pit Solids.** All solids/sludge removed from holding pits shall be disposed of in compliance with applicable laws and regulations and taken to an approved landfill. Records of chemical characteristics and disposal manifests must be retained by the permittee for a period of three (3) years and must be available for inspection at the discretion of the Chief.
7. **Manifest Records.** The Permittee shall maintain a record (manifest) of every load of fluid received. The record shall include the hauler's name and signature, the Operator's name and signature, API number for the well the fluid was collected, the location from where the load was obtained and the volume of the load and whether the load of fluid delivered was a split load. If the load was a split load, each Operator's name and location shall be listed and, if possible, the volumes of fluid received from each Operator documented. This information shall be maintained on the OOG approved Class 2 disposal manifest form example, as attached to this permit.

- 8. Contract Haulers.** No hauler whose trucks do not belong to the UIC Operator shall be permitted without approval by the Office of Oil and Gas. For approval, the Permittee shall designate by letter to the Office of Oil and Gas, any third-party hauler proposed to be used for the transportation of fluids to the facility. The third-party hauler may not commence transportation of fluids to the facility until approved by the Office of Oil and Gas. All delivery manifest requirements must still be met.
- 9. Required Barrel Counter.** The Permittee shall install and maintain a barrel counter, or other means of flow volume metering, on the injection line. The results are to be recorded and reported on the WR-40 Form.
- 10. Annulus Injection Prohibited.** Injection between the outermost casing protecting underground sources of drinking water and the wellbore is prohibited, as is injection into any USDW.
- 11. Duty to Monitor or Plug Non-Cemented Wells That Penetrates the Injection Zone Within the AOR.** Any well with an inactive and/or abandoned status that penetrates the injection zone within the permitted Area of Review (AOR), that does not have cemented casing through the injection zone, shall be monitored immediately by a method approved by the Office of Oil and Gas or properly plug such wells as necessary.
- 12. Corrective Action.** The applicant must satisfy the requirements of the Office of Oil and Gas regarding any corrective action needed on all known wells penetrating the injection zone within the permitted AOR. This must be done in a manner which satisfies the requirements of Legislative Rule 47 CSR 13-13.9.
- 13. Cement Evaluation Analysis.** After conducting a cement squeeze job in an open hole, or after any well cement repair, the Permittee shall submit cementing records and cement evaluation logs that demonstrate the isolation of the injection interval(s). The analysis shall include a spherically focused tool, run after the long-string casing is set and cemented, which enables the evaluation of the bond between cement and casing as well as of the bond between cement and formation. A written narrative report summarizing the work and interpretation of the results shall be submitted with all available records including an updated WR-35 well record and updated well schematic. The Permittee may not commence or recommence injection until it has received written approval from the Office of Oil and Gas that such a demonstration is satisfactory.
- 14. Loading/Unloading Stations.** Loading and unloading stations shall have spill prevention and control facilities and procedures as well as secondary containment. Spill containment and cleanup equipment shall be readily accessible.

15. Above Ground Storage Tanks.

- a. The Permittee shall ensure that secondary containment for existing above ground storage tank(s) shall be adequately designed and constructed to be sufficiently impervious to prevent the released substance from penetrating the containment structure until the release can be detected and recovered, but in no case, shall that time be less than seventy-two (72) hours. The secondary containment structure shall have capacity to contain at least one hundred and ten (110) percent (%) volume of the largest tank. If tank batteries or tanks are connected in series by manifold, the combined volume of the tanks must be considered if the tanks are capable of simultaneous release. The combined capacity of the tanks connected by manifold shall be considered unless the tanks are operated in a manner that prevents fluids from flowing from one tank to another under any conditions.
- b. Above ground tanks connected in series by a manifold shall utilize a system where valves are closed and locked to isolate tanks when their combined volume exceeds the secondary containment capacity. At no time, shall the combined volume of the tanks be accessible through the manifold system exceed the capacity of the secondary containment without someone being on site to monitor operations.
- c. All above ground storage tanks within the floodplain, as defined by the Federal Emergency Management Agency "FEMA" 100-year floodplain map, shall be anchored significantly enough to prevent movement in the case of a high-water flood event. The Permittee should contact the county floodplain manager to confirm the floodplain status of the tank(s) location(s).

16. **Wellhead Reinforcement.** All wellheads shall be reinforced or otherwise armored to protect against accidental collisions, if so positioned where collision could be possible.
17. **Pumps and Ancillary Equipment.** Pumps and ancillary equipment (e.g. valves, flanges, filters, condensate lines and instrumentation) handling materials that have the potential to contaminate groundwater shall be selected and installed to prevent or contain any spills or leaks.
18. **Sumps.** Sumps containing materials which have the potential to contaminate groundwater shall be designed, constructed, and operated utilizing secondary containment, or other appropriate controls that can prevent groundwater contamination.
19. **Facility Security.** All valves, water drains, containment areas, and storage areas shall be secured and locked utilizing locking devices and/or plugs. All gates and access points shall be secured and locked while no representative is at the facility.
20. **Duty to Drain Injection Pump Lines.** All lines shall be completely drained of all fluids and the wellhead shut-in anytime injection operations cease for a period of greater than ninety (90) days. The Office of Oil and Gas must be contacted at least twenty-four (24) hours prior to the cessation shut-in process.

B. PLUGGING AND ABANDONMENT

1. Any well which is not in use for a period of twelve (12) consecutive months shall be presumed to have been abandoned and shall promptly be plugged by the Operator in accordance with the provisions of WV Code §22-6, unless the Operator furnishes satisfactory proof to the Chief that there is a bona fide future use for such well.
2. Plugging and abandonment shall be conducted in a manner to prevent movement of fluids into or between USDWs (underground sources of drinking water).
3. Pursuant to Legislative Rule 47 CSR 13-13.7.f, the Permittee's plugging and abandonment plan shall be incorporated into the UIC permit. See Attachment 1.
4. Prior to well plugging, the Permittee shall apply for and receive a plugging permit from the Office of Oil and Gas to plug and abandon the well in accordance with an approved plugging and abandonment plan.

PART VI

A. SITE SPECIFIC CONDITIONS

1. Appendix A: Specific Operational Conditions / Well Construction
2. Appendix H: Groundwater Protection Plan (GPP)
3. Appendix I: Requirement for Financial Responsibility to plug/abandon an injection well
4. Attachment 1: Plugging and Abandonment Plan
5. Attachment 2: Site/Facility Diagram
6. Class 2 Manifest
7. Holding Pit / Impoundment Inspection Form IR-11B
8. Right of Appeal
9. UIC Certification of Review

APPENDIX A (cont.)

12. Casing and Tubing Program

TYPE	Size	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill-up (Cu. Ft.)
Conductor	20"	New	LS	94	22'	22'	To Surface
Fresh Water	13 3/8"	New	H-40	48	694'	694'	To Surface
Coal							
Intermediate 1	9 5/8"	New	LS	29	1116'	1116'	To Surface
Intermediate 2							
Production	7"	New	J-55	23	3356'	3356'	3356' to 610'
Tubing	4 1/2"	New	M-65	9.5		3119'	
Liners							

TYPE	Wellbore Diameter	Casing Size	Wall Thickness	Burst Pressure	Cement Type	Cement Yield (cu. ft./sk)	Cement to Surface ? (Y or N)
Conductor		20"	0.876"	?	Class A	1.18	Y
Fresh Water	17 1/2"	13 3/8"	0.66"	1,730 psi	Class A w/ 2% Salt	1.19	Y
Coal							
Intermediate 1	12 3/8"	9 5/8"	~0.562"	?	Class A w/ additives	1.35	Y
Intermediate 2							
Production	8 7/8"	7"	0.634"	4,360 psi	Class A w/ additives	1.82	N
Tubing		4 1/2"	0.41"	5180 psi			N
Liners							

PACKERS	Packer #1	Packer #2	Packer #3	Packer #4
Kind:	Production			
Sizes:	7" x 4.5"			
Depths Set:	3119'			

APPENDIX A

Injection Well Form

1) GEOLOGIC TARGET FORMATION <u>Weir</u>	
Depth <u>3170</u>	Feet (top) <u>3226</u> Feet (bottom)
2) Estimated Depth of Completed Well, (or actual depth of existing well): <u>3440</u> Feet	
3) Approximate water strata depths: Fresh <u>35', 134', 230'</u> Feet Salt _____ Feet	
4) Approximate coal seam depths: <u>Open Mine 668'-671', 978'-981', 1007'-1009', 1021'-1030'</u>	
5) Is coal being mined in the area? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
6) Virgin reservoir pressure in target formation <u>850</u> psig Source <u>Data from wells in the field</u>	
7) Estimated reservoir fracture pressure <u>2300</u> psig (BHFP)	
8) MAXIMUM PROPOSED INJECTION OPERATIONS:	
Injection rate (bbl/hour)	<u>425</u>
Injection volume (bbl/day)	<u>1200</u>
Injection pressure (psig)	<u>1034</u>
Bottom hole pressure (psig)	<u>2200</u>
9) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES:	
<u>Gas Field Brine. No additives anticipated</u>	
Temperature of injected fluid: (°F) <u>Varies with season</u>	
10) FILTERS (IF ANY)	
11) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL	
<u>BJ Techni - HIB 606W GL Blk, Magnacide 575</u>	

2703

State of West Virginia
Division of Environmental Production
Section of Oil and Gas
Well Operator's Report of Well Work

Farm Name Georgia Pacific CorporationOperator Well No.: WP-400 WIWLOCATION: Elevation: 1879Quadrangle: McGraws 7 1/2'District: Slab ForkCounty: WyomingLatitude: 1320 Feet South of 37 Deg. 42Min. 30 Sec.Longitude: 1100 Feet West of 81 Deg. 25Min. 00 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>2550 East Stone Drive, Suite 110</u>	<u>20"</u>	<u>22</u>	<u>22</u>	<u>59 cu ft</u>
<u>Kingsport, TN 37660</u>	<u>13 3/8"</u>	<u>698</u>	<u>698</u>	<u>89 cu ft</u>
Agent: <u>Bryant Bowman</u>	<u>9 5/8"</u>	<u>1106</u>	<u>1106</u>	<u>407 cu ft</u>
Inspector: <u>Barry Stollings</u>	<u>7"</u>	<u>3356</u>	<u>3356</u>	<u>342 cu ft</u>
Date Permit Issued: <u>06/06/2006</u>				
Date Well Work Commenced:				
Date Well Work Completed: <u>09/01/2006</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>3,350</u>				
Fresh Water Depth (ft):				
<u>35' - 1" stream, 134' - 3" stream; 230' - 7" stream, 710' 1</u>				
Salt Water Depth (ft):				
<u>None Reported</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft):				
<u>134-136, 220-224, 302-304, 484-487, 668-671 (open mine), 978-981, 1021-1022</u>				

OPEN FLOW DATA

Producing formation SI - No Zones Completed

Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d

Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d

Final open flow _____ Bbl/d

Time of open flow between initial and final tests: _____ Hours

Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____

Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d

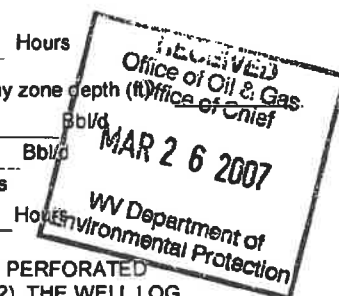
Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d

Final open flow _____ Bbl/d

Time of open flow between initial and final tests: _____ Hours

Static rock pressure _____ psig (surface pressure) after _____ Hours



NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANE, TEC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

By: William M. Ryan
Date: 12/18/06

2703

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand, Shale & Coal	0	1095	
Sand & Shale	1095	1391	
Sand	1391	1423	
Shale	1423	1534	
Ravenclyff Sand	1534	1568	
Shale	1568	1588	
Avis Lime Stone	1588	1625	
Shale & Red Rock	1625	2010	
Sand	2010	2029	
Shale	2029	2075	
Sand	2075	2310	
Sand & Shale	2310	2418	
Little Lime	2418	2517	
Lime & Shale	2517	2529	
Big Lime	2529	2952	
Shale	2952	3169	
Weir Sand	3169	3226	
Shale	3226	TD	

109-02703

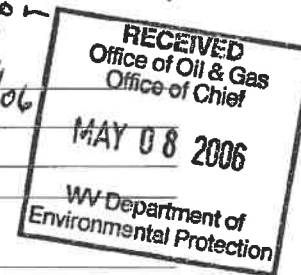
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator Penn Virginia Oil & Gas Corporation

	Wyoming	7 Slab Fork	466 McGraws 7 1/2'
Operator ID	County	District	Quadrangle

2) Operator's Well Number: WP-400 WIW3) Elevation: 1879

4) Well Type: (a) Oil _____ or Gas _____

(b) If Gas: Production _____ / Underground Storage _____
Deep _____ / Shallow _____5) Proposed Target Formation(s): Weir (for injection)*Will apply for a UIC permit to
convert to injection*6) Proposed Total Depth: 3400 Feet7) Approximate fresh water strata depths: 45, 205, 350, 6308) Approximate salt water depths: None Reported9) Approximate coal seam depths: 45, 405, 340, 450, 630-open mine, 815, 840, 97010) Does land contain coal seams tributary to active mine? No11) Describe proposed well work: Drill and complete new water well, disposal zone will be the Weir Sandstone12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	20	LS	94	20	20'	0
Fresh Water	13 3/8	H40	48	665	665	470
Coal	9 5/8	LS	29/32	1025	1025	325
Intermediate						
Production	7	K55	23	3300	3300	400
Tubing	4 1/2	M65	9.5		3100	
Liners						

Packers: Kind Baker Model Retrieval - D (or equal)
Sizes: 7" x 4 1/2"
Depths Set 3110' +/-

*B.S. 6-2-06**OK# 14379
650.-*

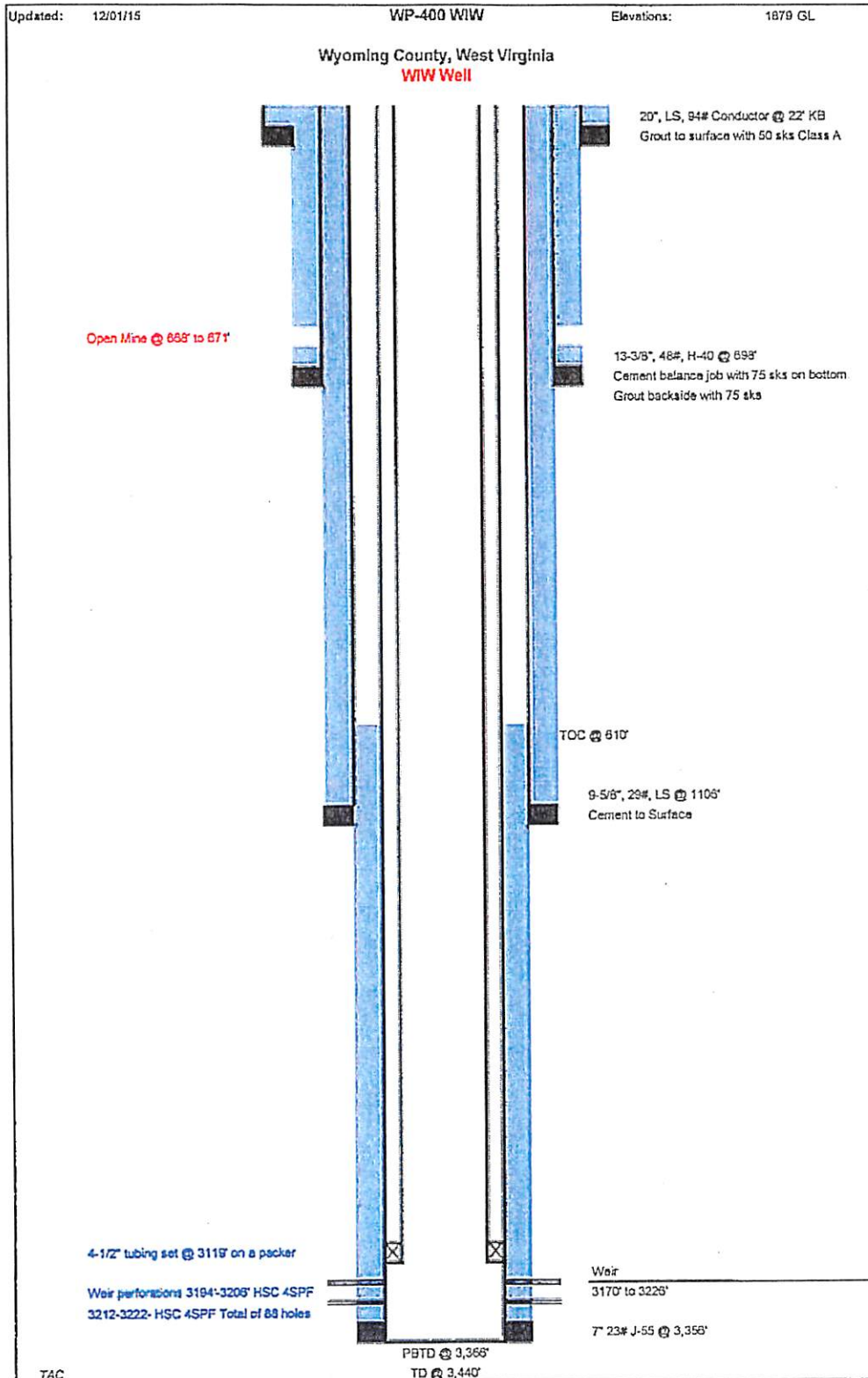


Exhibit #9

APPENDIX H

GROUNDWATER PROTECTION PLAN

Facility Name: WP-400 WIW

County: Wyoming

Facility Location:

Facility Location:			
Postal Service Address:		414 Summers Street	
Charleston, WV 25301			
Latitude :	37.704905	Longitude:	-81.421473

Contact Information:

Person:	Chad Carmichael		
Phone Number:	304-539-8892		
E-mail Address:	ccarmichael@dgoc.com		

Date: 5/5/22

1. A list of all operations that may contaminate the groundwater.

- Water trucks unloading produced fluids (oil, glycol, road salt, diesel fuel)
- Produced fluids (chlorides, metals, petroleum)

2. A description of procedures and facilities used to protect groundwater quality from the list of potential contaminant sources above.

- lined filtration ponds
- secondary containment for tanks
- all bag filters located in secondary containment
- proper disposal of all solid waste

3. List procedures to be used when designing and adding new equipment or operations.

- provide site security to prevent unauthorized entry
- use of security cameras and alarms
- design for secondary containment for all pipelines and tanks
- consult with the WVDEP

4. Summarize all activities at your facility that are already regulated for groundwater protection.

- AST act
- this permit

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

See section 7: creeks sampled monthly, no outside groundwater monitoring wells within a mile of site

6. Provide a statement that no waste material will be used for deicing or fill material on the property unless allowed by another rule.

All wastes generated at this site will be properly managed, Diversified Energy maintains a blanket permit with the Raleigh County solid Waste Authority.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

- UIC well is inspected two - three times while in operation
- all waste generated will be placed in containers to prevent surface water or precipitation to affect surface soils
- tank battery has overfill and spill alarms that prohibit overfills
- all contract drivers and employees have understood and agreed to DEC's operational policies

8. Include provisions for inspections of all GPP elements and equipment. Inspections must be made quarterly at a minimum.

- Employees are on-site daily. Leaks are repaired immediately. Tank battery has overfill and spill alarms.
- Pipeline is inspected monthly and injection pressure is monitored in real time.

Signature: _____

Date: 5/5/22

APPENDIX I**Requirement for Financial Responsibility to Plug/Abandon an Injection Well**

In accordance with Legislative Rule 47 CSR 13-13.7.g, all UIC permits shall require the permittee to maintain financial responsibility and resources to close, plug, and abandon underground injection wells in a manner prescribed by the Chief. The permittee must show evidence of financial responsibility to the Chief by submission of a surety bond, or other adequate assurance, such as a financial statement or other material acceptable to the Chief. This certification must be signed by one of the following:

1. a principle corporate officer of at least the level of vice-president for a corporation,
2. a general partner for a partnership,
3. the proprietor or owner of a sole proprietorship,
4. a principal executive or ranking elected official for a public agency,
5. a duly authorized representative in accordance with Legislative Rule 47 CSR 13-13.11.b (A person may be duly authorized by one of the primary entities (1-4) listed above by submitting a written authorization to the Chief of the WVDEP Office of Oil and Gas designating an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility. A duly authorized representative may thus be either a named individual or any individual occupying a named position.)

Diversified Production, LLC

Company Name

2D10902703002

UIC Permit Number

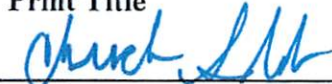
I certify in accordance with Legislative Rule 47 CSR 13-13.7.g, the company/permit holder cited above will maintain financial responsibility and resources to close, plug, and abandon underground injection wells(s) in a manner prescribed by the Chief of the Office of Oil and Gas and that documents to support this requirement are on record with the same.

Chuck Shafer

Print Name

Production Manager

Print Title



Signature

5-17-22

Date

Section 12 -Plugging and Abandonment

After completion of injection fluids or in the event the well inspection data concludes that a well integrity issue may occur, the injection well will be plugged and abandoned in accordance with all applicable WVDEP regulations. Prior to abandonment, the small building on-top of the well ahead will be inspected for asbestos containing materials (ACM) and will be properly demolished per applicable regulations. The plan is to have the well in static condition, remove the 4-1/2", 9.5# tubing and packer. Run a CBL to determine the top of cement and a production backoff point. Tubing will then be ran back into the hole with cement plugs balanced over all perforated intervals in the well spacing from 50 feet below the perforations to 50 feet above the perforations. The cement plugs will then be displaced with freshwater and the tubing removed from the well. The 7" production casing shall then be backed off at free point and a 100 foot balanced cement plug shall be set at the backoff point and a 50 foot cement plug set at the surface. Upon completion of the well abandonment, the well head will be removed, cemented to surface and permanent abandonment monument will be erected. Finally, a completed WR-38 form will be submitted to the OOG within 30 days of well abandonment.



LEWIS FORK

OF

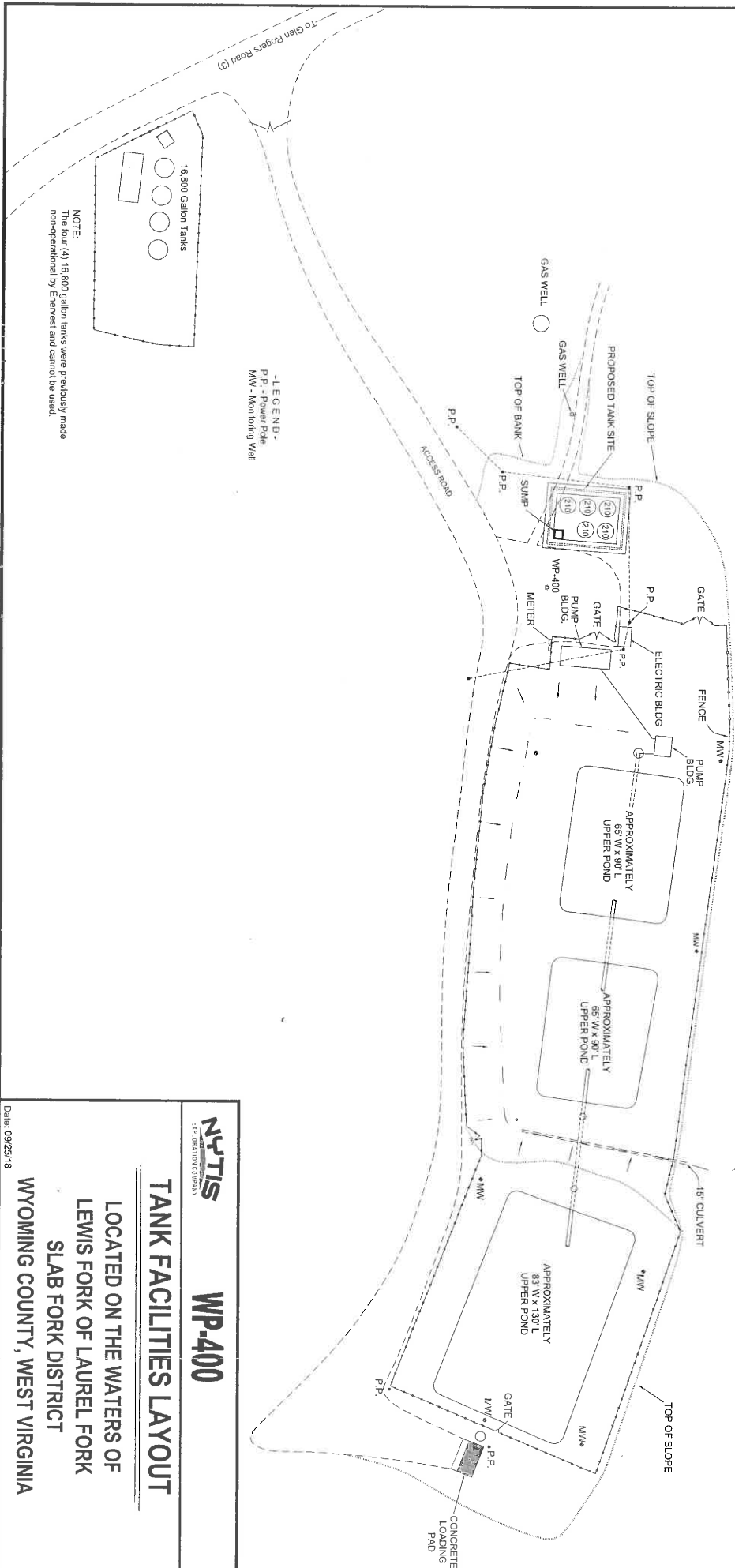
LAUREL FORK

RECEIVED
Office of Oil and Gas

OCT 22 2018

WV Department of
Environmental Protection

LEWIS FORK



NYTIS

WP-400

TANK FACILITIES LAYOUT

LOCATED ON THE WATERS OF
LEWIS FORK OF LAUREL FORK
SLAB FORK DISTRICT
WYOMING COUNTY, WEST VIRGINIA

Date: 09/29/18

UIC # _____

[illegible]

Page numbers should be maintained sequentially to provide an adequate record.

IMPOUNDMENT/PIT INSPECTION CHECKLIST

API# _____	IMPOUNDMENT/PIT ID# _____
COMPANY _____	INSPECTOR _____
WELL PAD _____	IMPOUNDMENT/PIT _____ (NAME)
DATE _____	ASSOCIATED _____ CENTRALIZED _____
WEATHER CONDITIONS _____	COMPANY PERSONNEL AT SITE _____
CURRENT FREEBOARD(FT.) _____	_____
GATED--YES _____ NO _____	FENCING INTACT--YES _____ NO _____
IS VEGETATION ADEQUATE--YES _____ NO _____	
STANDING WATER ON CREST--YES _____ NO _____	SIGNS & SAFETY--YES _____ NO _____
ANY CRACKS/SLUMPS/DEPRESSIONS ON CREST--YES _____ NO _____	SLOPE EROSION--YES _____ NO _____
ANY SLIPS, BULGES OR SLOPE MOVEMENTS ON FILL SLOPES--YES _____ NO _____	
ANY SEEPAGE EVIDENT ON FILL SLOPES--YES _____ NO _____	; IF YES, ESTIMATE FLOW _____
DOES LINER APPEAR INTACT--YES _____ NO _____	

FOR ANY ANSWERS ABOVE, PROVIDE EXPLANATION AND ATTACH SKETCH OR COPY OF STRUCTURE FROM PLANS AND SHOW APPROXIMATE LOCATION OF FEATURES IDENTIFIED ABOVE. TAKE PHOTOS OF ANY FEATURES IDENTIFIED ABOVE, AND ATTACH THEM TO THIS INSPECTION REPORT.

WVDEP/OOG INSPECTOR

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this permit of which you are aggrieved to the Environmental Quality Board by filing a NOTICE OF APPEAL, on the form prescribed by such Board for this purpose, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of this permit.

Underground Injection Control Permit

CERTIFICATION DOCUMENT

West Virginia Department of Environmental Protection
Office of Oil and Gas

Permit Id: **2D10902703003**

Permit Name: **Diversified Production LLC**

In accordance with Part II, Reporting and Notification Requirements, I hereby certify that I have read and am personally familiar with all the terms and conditions of this permit.

I understand that the underground injection of any waste streams other than those provided for in this permit is strictly prohibited. I understand that failure to pay the Annual Permit Fee or any other associated fees required by West Virginia Code, Chapter 22, Articles 11 and 12 shall be cause for revocation of this Permit. I further understand that reporting is required, and noncompliance with the terms of this permit will be cause for revocation of the permit and subject me to significant penalties including the possibility of fines and imprisonment.

Signature

Name and Title (Type or Print)

Date